

Abstract of the disclosure

An inventive titanium dioxide particle has 70 to 95 wt% crystalline anatase, a BET specific surface area of 65 to 120m²/g, and an oil absorption being 70 to 90 ml/100g measured by the method according to JIS K5101, which particle exhibits uniformity, excellent preservability and dispersibility in an acidic aqueous solution. There is disclosed a photovoltaic device 10 which comprises a light-transmittable base material 11, and a porous film 21b formed on the base material 11, in which a dye is absorbed, and the porous film 21b having the dye absorbed thereon contains the inventive titanium dioxide particle.